

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S62   | 2     | "6684209".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 14:33 |
| S63   | 14276 | (random\$4 "xor") near5 (first and second)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 15:06 |
| S64   | 1478  | (random\$4 "xor") near5 (first and second) near5 (identif\$5 id flag tag value item element)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 14:54 |
| S65   | 15    | (random\$4 "xor") near5 (vendor near3 (id identif\$9))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 14:36 |
| S66   | 0     | (random\$4 "xor") near5 (first and second) near5 (identif\$5 id flag tag value item element) with virtual | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 14:55 |
| S67   | 46877 | (identif\$5 id flag tag value item element) with virtual  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 14:55 |
| S68   | 10299 | (generat\$5 form make creat\$5) with (identif\$5 id flag tag value item element) with virtual             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 15:01 |
| S69   | 30    | (generat\$5 form make creat\$5) with (identif\$5 id flag tag value item element) with virtual with vendor | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 15:06 |
| S70   | 84523 | ((generat\$5 form make creat\$5) with (identif\$5 id flag tag value item element)).ti.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/03 15:07 |

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|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S71 | 290    | ((generat\$5 form make creat\$5) with (identif\$5 id flag tag value item element) with virtual).ti. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/03 15:07 |
| S72 | 119573 | generat\$7 near5 (id identif\$8)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:04 |
| S73 | 594    | generat\$7 near5 (id identif\$8) near4 virtual  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:05 |
| S74 | 27     | generat\$7 near5 (id identif\$8) near4 virtual and RAID   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:07 |
| S75 | 0      | random near4 generat\$7 near5 (id identif\$8) near4 virtual and RAID                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:08 |
| S76 | 0      | random near4 generat\$7 near5 random near4 (id identif\$8) near4 virtual and RAID                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:21 |
| S77 | 1      | random near4 (id identif\$8) near4 virtual and RAID   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:21 |
| S78 | 95     | random near4 (id identif\$8) and RAID   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:21 |
| S79 | 42     | generat\$7 near5 random near4 (id identif\$8) and RAID  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:25 |
| S80 | 2624   | (first second two) near6 (id identif\$6 tag) with (random\$7)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:27 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S81 | 756   | (first second two) near6 (id identif\$6 tag) with (random\$7) with (generat\$6 create form make)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:28 |
| S82 | 496   | (first second two) near6 (id identif\$6 tag) with (random\$7) with (generat\$6 create form make) and (table list)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:28 |
| S83 | 381   | (first second two) near6 (id identif\$6 tag) near10 (random\$7) near10 (generat\$6 create form make) and (table list)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:29 |
| S84 | 14    | (first second two) near6 (id identif\$6 tag) near10 (random\$7) near10 (generat\$6 create form make) with (table list) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:32 |
| S85 | 10442 | random\$5 with rotat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:33 |
| S86 | 25241 | random\$5 same rotat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:33 |
| S87 | 7686  | random\$5 near10 rotat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:33 |
| S88 | 232   | generate with random\$5 with rotat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:33 |
| S89 | 169   | generate near6 random\$5 with rotat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:33 |
| S90 | 138   | generate near6 random\$5 near10 rotat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:34 |

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|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S91      | 14  | generate near6 random\$5 near10<br>rotat\$4 with (first second two)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:38 |
| S92      | 10  | generate near6 random\$5 near10<br>(number id identifier tag flag)<br>near10 (cyclic rotat\$4) with (first<br>second two) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:51 |
| S93      | 843 | generate near6 random\$5 near10<br>(number id identifier tag flag) with<br>(first and second)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:53 |
| S94      | 828 | generate near6 random\$5<br>near6(number id identifier tag flag)<br>with (first and second)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:53 |
| S95      | 828 | generate near6 random\$5 near6<br>(number id identifier tag flag) with<br>(first and second)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:53 |
| S96      | 648 | generate near6 random\$5 near6<br>(number id identifier tag flag)<br>near10 (first and second)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:53 |
| S97      | 633 | generate near6 random near6<br>(number id identifier tag flag)<br>near10 (first and second)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:57 |
| S98      | 483 | S97 and @ad<="20031023"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:31 |
| S99      | 0   | generate near6 (rotat\$3 cyclic)<br>near5 random near6 (number id<br>identifier tag flag) near10 (first and<br>second)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:57 |
| S10<br>0 | 1   | generate near6 (rotat\$3 cyclic)<br>near5 random near6 (number id<br>identifier tag flag) with (first and<br>second)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 20:58 |

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|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S10<br>1 | 38    | generate near6 random near6<br>(number id identifier tag flag) with<br>(number id identifier tag flag) adj<br>(first and second) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:01 |
| S10<br>2 | 199   | (random\$4 rotate) near6 (number<br>id identifier tag flag) adj (first and<br>second)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:03 |
| S10<br>3 | 379   | (random\$4 rotate) near6 ((number<br>id identifier tag flag) adj (first and<br>second))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:03 |
| S10<br>4 | 371   | (random\$4 rotate) near6 ((number<br>id identifier) adj (first and second))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:04 |
| S10<br>5 | 10    | (random\$4 rotate) near6 ((id<br>identifier) adj (first and second))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:06 |
| S10<br>6 | 0     | (rotate) near6 ((id identifier) adj<br>(first and second))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:06 |
| S10<br>7 | 0     | (rotate) near6 ((id identifier) adj<br>((first and second) two))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:06 |
| S10<br>8 | 33132 | (rotat\$4 switch adjust shift) near4<br>(ID identif\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:29 |
| S10<br>9 | 304   | (rotat\$4 switch adjust shift) near4<br>(first second two multiple) adj (ID<br>identif\$5)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:30 |
| S11<br>0 | 249   | (rotat\$4 switch adjust shift) near4<br>((first second two multiple) adj (ID<br>identif\$5))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:30 |

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|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S11<br>1 | 228  | (rotat\$4 switch adjust shift) near4<br>((first second two multiple) adj (ID<br>identif\$5)) | US-PGPUB;<br>USPAT                                      | OR | ON | 2006/11/26 21:35 |
| S11<br>2 | 185  | S111 and @ad<="20031023"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 21:36 |
| S11<br>3 | 59   | (rotat\$4 switch adjust shift) near4<br>((first second two multiple) adj (ID<br>identifier)) | US-PGPUB;<br>USPAT                                      | OR | ON | 2006/11/26 21:35 |
| S11<br>4 | 41   | S113 and @ad<="20031023"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 23:15 |
| S11<br>5 | 1586 | vendor adj (id identifier)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 23:16 |
| S11<br>6 | 37   | vendor near3 (id identifier) with<br>(world adj wide adj name WWN)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 23:45 |
| S11<br>7 | 0    | "5941972,6061794,6343324,<br>6360306,6425035,6647528,<br>6697875,6711632".pn.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 23:46 |
| S11<br>8 | 15   | ("5941972" "6061794" "6343324"<br>"6360306" "6425035" "6647528"<br>"6697875" "6711632").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/26 23:47 |
| S11<br>9 | 8    | ("5941972" "6061794" "6343324"<br>"6360306" "6425035" "6647528"<br>"6697875" "6711632").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/26 23:47 |
| S12<br>0 | 0    | S119 and (virtual near3 (id<br>identifier))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/26 23:48 |
| S12<br>1 | 4    | S119 and (virtual)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/26 23:50 |

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|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S12<br>2 | 3    | S119 and random  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/26 23:50 |
| S12<br>3 | 147  | (vendor adj (id identification)) with<br>table   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/26 23:51 |
| S12<br>4 | 2    | (vendor adj (id identification)) with<br>table with random                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/26 23:54 |
| S12<br>5 | 770  | world adj wide adj name  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/26 23:54 |
| S12<br>6 | 1055 | world adj wide adj name WWN  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/26 23:54 |
| S12<br>7 | 10   | (world adj wide adj name WWN)<br>with random   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:30 |
| S12<br>8 | 156  | (world adj wide adj name WWN)<br>and vendor and (combine rotate<br>random\$7)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:44 |
| S12<br>9 | 125  | (world adj wide adj name WWN)<br>and vendor and (combine rotate<br>random\$7) and virtual  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:45 |
| S13<br>0 | 23   | (world adj wide adj name WWN)<br>and vendor and (combine rotate<br>random\$7) with virtual | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:49 |
| S13<br>1 | 24   | (world adj wide adj name WWN)<br>and (combine rotate random\$7)<br>with virtual            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:49 |
| S13<br>2 | 0    | (world adj wide adj name WWN)<br>with (combine rotate random\$7)<br>with virtual           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:50 |
| S13<br>3 | 13   | (world adj wide adj name WWN)<br>with (combine rotate random\$7)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/27 00:52 |

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|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S13<br>4 | 92 | (world adj wide adj name WWN)<br>with virtual                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/27 00:52 |
| S13<br>5 | 59 | (world adj wide adj name WWN)<br>with virtual with (id identifier)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/27 00:58 |
| S13<br>6 | 40 | (world adj wide adj name WWN)<br>with virtual near4 (id identifier)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/27 00:58 |
| S13<br>7 | 28 | (world adj wide adj name WWN)<br>with virtual near2 (id identifier)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/27 00:59 |
| S13<br>8 | 0  | ((world adj wide adj name WWN)<br>with virtual near2 (id identifier))<br>and "xor" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2006/11/27 00:59 |
| S13<br>9 | 21 | virtual with vendor with (first and<br>second)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:52 |
| S14<br>0 | 1  | 10/697540  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:59 |
| S14<br>1 | 1  | WWN with vendor with random  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:53 |
| S14<br>2 | 0  | WWN with vendor with virtual   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:53 |
| S14<br>3 | 30 | WWN with vendor and virtual  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:55 |
| S14<br>4 | 86 | WWN with virtual   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:55 |



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|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S14<br>5 | 335     | WWN with (virtual near3 ID identifier)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:55 |
| S14<br>6 | 28      | WWN with (virtual near3 (ID identifier))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:56 |
| S14<br>7 | 1100291 | (combine rotate) with vendor ID   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 09:59 |
| S14<br>8 | 1       | (combine rotate) with vendor near2 (ID identifier)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 10:00 |
| S14<br>9 | 2716    | (combine rotate) with (ID identifier)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 10:00 |
| S15<br>0 | 6       | (combine rotate) with (ID identifier) and wwn                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 10:02 |
| S15<br>1 | 1       | (vendor with (random\$5 shift rotate combine concatenate)) and WWN                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 10:05 |
| S15<br>2 | 5       | ((vendor LUN) with (random\$5 shift rotate combine concatenate)) and WWN          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 10:06 |
| S15<br>3 | 83      | ((vendor LUN) with (generate random\$5 shift rotate combine concatenate)) and WWN | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/27 12:04 |